

NucleoMag® NGS Size Select MagnetaPure 32+

Protocol details

Application	Single size selection of NGS library prep reactions	
Kit	NucleoMag® NGS Clean-up and Size Select (Protocol 5.1)	
REF	744970 (.5 /.50 /.500)	
Protocol name	NMNGSSingleSize	
Run time	approx. 31 min	Rev 01



Four easy steps

Procedure	
1	Fill the 96-well Deep-well plates according to the table below.
2	Load the plates on the MagnetaPure 32+.
3	Insert tip combs on the mounting grooves.
4	Select the protocol from the instrument menu and start run.
Note: Please equip all tip combs in order to cover the magnetic rods in used and unused wells.	

Loading table for plate 1 and 2

Position	Reagents	Samples per plate
Column 1 + 7	DNA sample (100 µL), NucleoMag® NGS Beads (100 µL)*	Sample 1-8 Sample 9-16
Column 2 + 8	80% Ethanol (200 µL)	Sample 1-8 Sample 9-16
Column 3 + 9	80% Ethanol (200 µL)	Sample 1-8 Sample 9-16
Column 4 + 10	empty	- -
Column 5 + 11	empty	- -
Column 6 + 12	Elution Buffer (25 µL)**	Sample 1-8 Sample 9-16

Please refer to the image below for a visual representation of the loading scheme

Note: * Please check the user manual for optimal single size selection conditions (e.g. volume ratio's)

** Elution can be performed in a minimal volume of 15 µL

Loading scheme

	1	2	3	4	5	6	7	8	9	10	11	12	
A													
B													
C													
D													
E													
F													
G													
H													

Additional consumables and instrumentation

Product	Specification	REF
MagnetaPure 32+	Automated nucleic extraction system for MACHEREY-NAGEL's NucleoMag® kits enabling parallel processing of up to 32 samples	747010
96 Deep-well Plate	96 deep-well plates for MagnetaPure 32+ (25 pieces)	744955
Tip Combs	8-well tip combs for MagnetaPure 32+ (50 pieces)	744960

Disclaimer

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